

IMPULSE BRANDING SOLUTIONS

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Date:- 22.06.2024

Project : Adani CIP Lounge T3 Lok

W/O No : SKPL/23-24/001793

Name of the Work : Electrical CIP Lounge T3 Lok

RA-05 MEASUREMENT SHEET OF Electrical

S. No.	Item Code	Specification	Description	W	H	Unit	Nos	Qty.
Electrical								
1.1		Wiring for primary light points for Switch controlled points with 2.5 sq. mm LSHF PVC insulated stranded /multi stranded copper conductor 1100 Volt grade wires in IS embossed 25mm dia 16 SWG GI surface /concealed conduit including cost of providing saddles hangers supports from soffit of slab etc for surface conduiting, ceiling conduiting and/or cost of cutting and filling chases for recessed conduiting, and including the cost of Supply and fixing a 6 amp 240 Volt grid plate mounted switch with moulded cover plate in zinc chromate						
		Premum Lounge				Nos	5 ✓	
		Admin Room				Nos	3 ✓	
		Kitchen				Nos	3 ✓	
		Spa Room				Nos	3 ✓	
		Electrical Room				Nos	2 ✓	
		Male Washroom				Nos	3 ✓	
		Female Washroom				Nos	3 ✓	
		Handicab Washroom				Nos	2 ✓	
		Reception Flote Light				Nos	2 ✓	
		Baar Area				Nos	4 ✓	
		Dining Area				Nos	3 ✓	
		Total Qty					33,000	
		WO Qty					30,000	Nos
		RA 08 Qty						
		RA 09 Qty						

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1.2	Wiring for primary light points for DB / Dimmer/ Sensor/ Automation controlled points with 2.5 sq mm LSHF PVC insulated stranded/multi stranded copper conductor 1100 Volt grade wires in IS embossed 25mm dia 16 SWG GI surface/concealed conduit including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of running 2.5 sq mm LSHF PVC insulated copper earth wire for loop earthing etc. complete as directions of Engineer-in-charge and as required. (Cost of MCB/Switch shall be consider in this item)(Normal)							
	Premum Lounge					Nos	3	✓
	Admin Room					Nos	2	✓
	Kitchen					Nos	3	✓
	Spa Room					Nos	3	✓
	Electrical Room					Nos	2	
	Male Washroom					Nos	8	3
	Female Washroom					Nos	5	3
	Handicab Washroom					Nos	3	2
	Recepshon Flote Light					Nos	8	2
	Baar Area					Nos	5	✓
	Dining Area					Nos	9	✓
	Total Qty						51,000	
	WO Qty						45,000	Nos
	RA 08Qty							
	RA 09Qty							
	Wiring for primary light points for DB/ Dimmer/ Sensor/ Automation controlled points with 2.5 sq mm LSHF PVC insulated stranded/multi stranded copper conductor 1100 Volt grade wires in IS embossed 25mm dia 16 SWG GI surface/concealed conduit including cost of providing saddles etc for surface conduiting and/or cost of cutting and filling chases for recessed conduiting and including the cost of running 2.5 sq mm LSHF PVC insulated copper earth wire for loop earthing etc. complete as directions of Engineer-in-charge and as required. (Cost of MCB/Switch shall be consider in this item). (Emergency)							

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	Dining Area Wall Light				Nos	16	✓
	Total Qty					374.000	
	WO Qty					352.000	Nos
	RA 08 Qty						
	RA 09 Qty						
	Wiring for secondary light points with 1.5 sq. mm LSHF PVC insulated stranded/multistranded copper conductor 1100 Volt grade wires in surface/concealed in IS embossed 25mm dia 16 SWG GI conduit including cost of providing saddles hangers supports from soffit of slab etc for surface conduiting, ceiling conduiting and/or cost of cutting and filling chases for recessed conduiting including the cost of running 1.5 sq. mm LSHF PVC insulated copper earth wire for loop earthing etc. complete as directions of Engineer-in-charge and as required. (Emergency)						
	Premum Lounge Ceiling Light				Nos	19	
	Premum Lounge Lamp Light				Nos	11	✓
	Admin Room Ceiling Light				Nos	19	
	Kitchen Ceiling Light				Nos	2	✓
	Spa Room Ceiling Light				Nos	12	
	Electrical Room Ceiling Light				Nos	1	✓
	Male Washroom Ceiling Light				Nos	38	
	Female Washroom Ceiling Light				Nos	3	
	Handicab Washroom Ceiling Light				Nos	1	✓
	Reception Light Ceiling Light				Nos	10	✓
	Baar Area Ceiling Light				Nos	10	✓
	Dining Area Ceiling Light				Nos	15	✓
	Total Qty					59.000	
	WO Qty					46.000	Nos
	RA 08 Qty						
	RA 09 Qty						

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	Wiring for 240 volt 6 amp Multistandard single phase and neutral switch socket outlet with 4 sq. mm LSHF PVC insulated stranded/multi stranded copper conductor 1100 Volt grade wires in IS embossed 25mm dia 16 SWG GI surface/concealed conduit including cost of providing circuit wiring with 2.5 sq mm LSHF PVC Insulated stranded/ multistranded copper conductor 1100 volt grade wires and Including the cost of providing saddles etc as required for surface conduiting and/or cost of cutting and filling chases as required and Supply and fixing of a 240 volt 6 amp Multistandard socket outlet with safety shutters and 6 amp 240 volt single pole grid plate mounted switch with moulded cover plate in recessed zinc chromate passivated GI box and including earthing of the 3rd pin with 2.5 sq. mm LSHF PVC insulated copper earth wire conductor wires complete as directions of Engineer-in-charge and as required.					
	Dinning Area Serwari Counter Wall Box				Nos	11 110 ✓
	Total Qty					11,000
	WO Qty					11,000 Nos
	RA 03Qty					
	RA 09Qty					
	Wiring as in Item 1.6 above looped from an adjacent switch socket outlet as required and Supply and fixing of a combined 240 volt 6 amp Multistandard socket outlet with safety shutters and 6 amp 240 volt single pole grid plate mounted switch with moulded cover plate in recessed zinc chromate passivated GI box and including earthing of the 3rd pin with 2.5 sq. mm LSHF PVC insulated copper earth wire conductor wires complete as directions of Engineer-in-charge and as					
	Dinning Area Serwari Counter Wall Box				Nos	9 ✓
	Dinning Area Floor Box				Nos	8 ✓
	Admin Area Floor Box				Nos	1 ✓
	Reception Floor Box				Nos	1 ✓
	Baar Area Floor Box				Nos	2 ✓
	Baar Couter				Nos	2 ✓
	Premum Lounge Wall Box				Nos	3 ✓
	Total Qty					25,000

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WO Qty						28.000	Nos
RA 08Qty							
RA 09Qty							
	Wiring for a multi-pin 240 volt 6-16 amp single phase and neutral universal switch socket outlet with 4.0 sq. mm LSHF PVC insulated stranded copper conductor 1100 Volt grade wires in 25 mm dia GI surface/concealed conduit including the cost of providing circuit wiring with 4.0 sq mm LSHF PVC insulated stranded copper conductor 1100 volt grade wires and including cost of providing brackets, saddles etc as required for surface conduiting and/or cost of cutting and filling chases as required and providing and fixing of a combined multi-pin 240 volt 6-16 amp universal socket outlet with safety shutters and 16 amp 240 volt single pole grid plate mounted switch with moulded cover plate in recessed galvanized box and including earthing of the 3rd pin with 4.0 sq mm 1100 volt grade LSHF PVC insulated stranded copper conductor wires complete as directions of Engineer-in-charge and as required.						
	Dinning Area Floor Box					Nos	343
	Baar Area Floor Box					Nos	24
	Dinning Area Wall					Nos	114
	Admin Area Wall	2.5				Nos	81
	Reception Wall	2.5				Nos	82
	Baar Area Wall	2.5				Nos	1107
	Premum Lounge Wall	2.5				Nos	88
	Premum Lounge Floor Box					Nos	7 ✓
	Spa Room Wall Box	2.5				Nos	4 ✓
	Signage Point	2.5				Nos	1 ✓
	Roller Binder					Nos	4 ✓
	Gizer					Nos	1 ✓
	RO					Nos	1 ✓
	Total Qty						51.000
	WO Qty						46.000 Nos
	RA 08Qty						
	RA 09Qty						

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	Wiring as in Item 1.8 above looped from an adjacent switch socket outlet as per specifications and directions of Engineer-in-charge and providing and fixing of a modular type multi-pin 240 Volt 6-16 amp shuttered socket outlet and a modular type 16 amp 240 Volt single pole switch in a recessed galvanized boxes with internal wiring and moulded front plates complete as directions of Engineer-in-charge and as required.						
	Primum Loune Table				Nos	13	22
	Dinning Area Teble				Nos	8	13
	Premum Lounge Floor Box				Nos	3	7
	Gizer				Nos	2	
	Total Qty					24.000	
	WO Qty					21.000	Nos
	RA 08Qty						
	RA 09Qty						
	Supply , Installation, Testing and comissioning of Pop-up Boxes with all standard accessories consisting of following: a) 3 nos 6 amp socket with 1 no. 16A Switch b) 2 nos Data outlets which includes of Data wiring and terminations. Wiring for socket outlet with 4.0 sq. mm LSHF PVC insulated stranded copper conductor 1100 Volt grade wires in 25 mm dia GI surface/concealed Conduit / Raceways including the cost of providing circuit wiring with 4.0 sq mm LSHF PVC insulated stranded copper conductor 1100 volt grade wires and including cost of providing brackets, saddles etc as required for surface conduiting and/or cost of cutting and filling chases as required and providing and fixing of a pop up Box on Table/furniture/wall complete as directions of Engineer-in-charge and as required. - Workstations.						
	Reception Table				Nos	2	
	Admin Room				Nos	1	
	Total Qty					3.000	
	WO Qty					3.000	Nos
	RA 08Qty						

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RA 09Qty							
	Supply , Installation, Testing and comissioning of Switch socket on furniture with all standard accessories consisting of following: a) 2 nos 6 amp socket with 1 no. 10A Switch b) 2 nos Data outlets which includes of Data wiring and terminations. Wiring for socket outlet with 2.5 sq. mm LSHF PVC insulated stranded copper conductor 1100 Volt grade wires in 25 mm dia GI surface/concealed Conduit / Raceways including the cost of providing circuit wiring with 2.5 sq mm LSHF PVC insulated stranded copper conductor 1100 volt grade wires and including cost of providing brackets, saddles etc as required for surface conduiting and/or cost of cutting and filling chases as required and providing and fixing of a Box set on furniture/wall complete as directions of Engineer-in-charge and as required. - Dinning Area.						
	Dinning Room Table				Nos	11	✓
	Total Qty					11.000	
	WO Qty					7.000	Nos
	RA 08Qty						
	RA 09Qty						

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	Kitchen Area				Nos	5 ✓	
	Dinning Area				Nos	107 ✓	
	Reception Area				Nos	1 ✓	
	Roller Binder				Nos	2 X	
	Handycap				Nos	1 ✓	
	Total Qty					30.000	
	WO Qty					14.000	Nos
	RA 08Qty						
	RA 09Qty						
	Wiring as in Item 1.13 above looped from an adjacent switch socket outlet as per specifications and directions of Engineer-in-charge and providing and fixing of a modular type multi-pin 240 Volt 6-16 amp shuttered socket outlet and a modular type 16 amp 240 Volt single pole switch in a recessed galvanized boxes with internal wiring and moulded front plates complete as directions of Engineer-in-charge and as required.						
					Nos	37	
	Premum Lounge				Nos	5 ✓	
	Baar Area				Nos	3 ✓	
	Spa Room				Nos	43	
	Kitchen Area				Nos	108	
	Dinning Area				Nos	21 ✓	
	Reception Area				Nos	12 ✓	
	Roller Binder				Nos	1 ✓	
	Handycap						
						29.000	
	Total Qty					13.000	Nos
	WO Qty						
	RA 08Qty						
	RA 09Qty						
	Wiring for 6 pin 240 volt 25 amp single phase and neutral switch socket outlets with						

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	4.0 sq. mm LSHF PVC insulated stranded/multi stranded copper conductor 1100 volt grade wires in IS embossed 25mm dia 16 SWG GI surface/concealed conduit including cost of providing saddles etc as required for surface conduiting and/or cost of cutting and filling chases as required and including Supply and fixing of a 240 volt 16 amp socket outlet with safety shutters and 25 amp 240 volt single pole grid plate mounted switch with moulded cover plate in a recessed zinc chromate passivated GI box including earthing of the 3rd pin with 4.0 sq. mm 1100 volt grade LSHF PVC insulated stranded copper earth wire complete as directions of Engineer-in-charge and as required.							
						Nos	1	
	Kitchen							
	Total Qty						1.000	
	WO Qty						1.000	Nos
	RA 08Qty							
	RA 09Qty							
	Supplying, fixing, testing & commissioning of 32 A, 240 V, SPN metal clad Industrial type socket outlet (IP-65), with 2 pole and earth, plug top along with 32 A, "C" curve, SP, MCB, in Polycarbonate enclosure, on surface or in recess, with cover for the socket out let and complete with connections, testing and commissioning etc. as required.							
	Kitchen					Nos	129	
	Total Qty						12.000	
	WO Qty						12.000	Nos
	RA 08Qty							
	RA 09Qty							
	Supplying fixing, testing & commissioning of 32 A, 415 V, TPN Industrial type socket outlet (IP-65), with 4 pole and earth, plug top along with 32 A, "C" curve, TP MCB, in polycarbonate enclosure, on surface or in recess, with cover for the socket out let and complete with connections, testing and commissioning etc. as required.							

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	Kitchen				Nos	3	
	Total Qty					3.000	
	WO Qty					3.000	Nos
	RA 08Qty						
	RA 09Qty						
	Supplying fixing, testing & commissioning of 32 A, 415 V, TPN 5 pole Industrial type socket outlet (IP-65), with 4 pole and earth, plug top along with 32 A, "C" curve, MCB, in polycarbonate enclosure, on surface or in recess, with cover for the socket out let and complete with connections, testing and commissioning etc. as required.						
	RO				Nos	1	
	Total Qty					1.000	
	WO Qty					1.000	Nos
	RA 08Qty						
	RA 09Qty						
	Providing and fixing of a Data outlet plate mounted outlet unit (RJ-45) with moulded cover plate in recessed zinc chromate passivated GI box complete as directions of Engineer-in-charge and as required for Data system.						
	Reception				Nos	4	✓
	Premum Lounge				Nos	6	✓
						10	
	Total Qty					10.000	
	WO Qty					10.000	Nos
	RA 08Qty						
	RA 09Qty						
	Supplying, laying, testing and commissioning of 4-pair Non-plenum Enhanced Cat 6 unshielded twisted pair computer cable with 24 AWG solid copper conductors in surface/concealed conduit/raceways/modular furniture , complete as directions of Engineer-in-charge and as required.						
	Electric Room To Baar Area Floor	Rmt	40	✓	4	160	

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	Electric Room To Baar Area Wall	Rmt	40	4	160	
	Electric Room To Dinning Area Floor	Rmt	25	13	325	on Hold
	Electric Room To Dinning Area Wall	Rmt	25	48	125	
	Electric Room To Premium Lounge Floor	Rmt	42.5	11	467.5	
	Electric Room To Premium Lounge Wall	Rmt	42.5	3	127.5	
	Electric Room To Reception Floor	Rmt	36.5	4	146	
	Electric Room To Reception Wall	Rmt	36.5	2	73	
	Electric Room To Admin Wall	Rmt	36.5	3	109.5	
	Electric Room To Spa Wall	Rmt	25	1	25	
					1718.5	
					#####	
	Total Qty				320.000	Rmt
	WO Qty					
	RA 08Qty					
	RA 09Qty					
	Supplying, Installation, testing and commissioning of 12U Networking Rack with PDU, switches, jack, patch cords, los, and all other accessories complete as required for Server, router & network video recorder.					
	Electric Room			Nos	2	
	Total Qty				2.000	
	WO Qty				1.000	Nos
	RA 08Qty					
	RA 09Qty					
	Supplying, Installation, testing and commissioning of Occupancy Sensor for light control with all accessories and complete as directions of Engineer-in-charge and as required.					
	Premum Lounge			Nos	2	on Hold
	Spa Room			Nos	1	
	Kitchen Area			Nos	1	
	Dinning Area					
	Male Washroom			Nos	1	
	Female Washroom			Nos	1	
	Handycap Washroom			Nos	1	
	Total Qty				7.000	
	WO Qty				11.000	Nos
	RA 08Qty					
	RA 09Qty					

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	Supplying and drawing wiring with single core stranded copper conductor PVC insulated 1100 volt grade LSHF PVC insulated wires in surface/recessed steel conduit systems including the cost of running copper conductor LSHF PVC insulated loop earthing wire complete as directions of Engineer-in-charge and as required as below.						
	2 x 2.5 sq mm with 1 x 2.5 sq mm earth wire						
	Admin Room To Premium Lounge	Rmt	16.5	3	49.5	9	
	Admin Room To Baar Area	Rmt	16.5	285	82.5	10	
	Admin Room To Dinning Area	Rmt	17.5	8	140	120	
	Admin Room Room To Reception	Rmt	15.5	8	124	80	
	Admin Room To Admin Room	Rmt	8	2	16	10	
	Electric Room To Spa	Rmt	13.5	2	27	29	
	Admin Room To Male Washroom	Rmt	32.5	2	65	52	
	Admin Room To Fmale Washroom	Rmt	32.5	2	65	52	
	Admin Room To Handycap Washroom	Rmt	32.5	1	32.5	3030	
	Admin Room To Kitchen	Rmt	28.5	2	57	22	46
					658.5		
	Total Qty				658.500		
	WO Qty				90.000	Rmt	
	RA 08Qty						
	RA 09Qty						
	Supplying and drawing wiring with single core stranded copper conductor PVC insulated 1100 volt grade LSHF PVC insulated wires in surface/recessed steel conduit systems including the cost of running copper conductor LSHF PVC insulated loop earthing wire complete as directions of Engineer-in-charge and as required as below.						
	2 x 4 sq mm with 1 x 4.0 sq mm earth wire						
	Admin Room To Premium Lounge Wall	Rmt	16.5	7	115.5	97.5	
	Admin Room To Premium Lounge Floor	Rmt	16.5	7	115.5	98	
	Admin Room To Baar Area	Rmt	13.5	7	94.5		
	Admin Room To Dinning Area	Rmt	17.5	8	140	120	
	Admin Room Room To Reception	Rmt	15.5	5	77.5	72	
	Admin Room To Admin Room	Rmt	6	3	18		
	Electric Room To Spa	Rmt	10.5	4	42		
	Admin Room To Male Washroom	Rmt	27.5	3	82.5	55	
	Admin Room To Fmale Washroom	Rmt	26	2	52	48	
	Admin Room To Handycap Washroom	Rmt	30	2	60	54	
	Admin Room To Washroom Passage	Rmt	28.5	2	57	52	
					854.5		
	Total Qty				854.500		
	WO Qty				330.000	Rmt	
	RA 08Qty						

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		RA 09Qty						
		Supplying and drawing wiring with single core stranded copper conductor PVC insulated 1100 volt grade LSHF PVC insulated wires in surface/recessed steel conduit systems including the cost of running copper conductor LSHF PVC insulated loop earthing wire complete as directions of Engineer-in-charge and as required as below.						
		2 x 6 sq mm with 1 x 6.0 sq mm earth wire						
		Kitchen Room To Kitchen	Rmt	16.5	6	99	70	
						99		
		Total Qty				99.000		
		WO Qty				90.000	Rmt	
		RA 08Qty						
		RA 09Qty						
		Supplying and drawing wiring with single core stranded copper conductor PVC insulated 1100 volt grade LSHF PVC insulated wires in surface/recessed steel conduit systems including the cost of running copper conductor LSHF PVC insulated loop earthing wire complete as directions of Engineer-in-charge and as required as below.						
		4 x 4 sq mm with 2 x 4.0 sq mm earth wire						
		Kitchen Room To Sarvary Back Counter	Rmt	25	17	425	300	
						425		
		Total Qty				425.000		
		WO Qty				90.000	Rmt	
		RA 08Qty						
		RA 09Qty						

		Supplying and drawing wiring with single core stranded copper conductor PVC insulated 1100 volt grade LSHF PVC insulated wires in surface/recessed steel conduit systems including the cost of running copper conductor LSHF PVC insulated loop earthing wire complete as directions of Engineer-in-charge and as required as below.						
		4 x 6 sq mm with 2 x 6.0 sq mm earth wire						
		Kitchen Passage To Kitchen DB Erthing	Rmt	25	2	50	11	
						50		
		Total Qty				50.000		
		WO Qty				50.000	Rmt	
		RA 08Qty						

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	RA 09Qty						
	Supplying and drawing recessed/surface IS embossed GI conduiting system including cost of providing saddles etc for surface/recess conduiting and/or cost of cutting and filling chases for recessed conduiting complete as directions of Engineer- in-charge and as required as below.						
	20 mm		8	x 10			
	Kitchen To Sarvari Back Wall	Rmt	(9.5)	10	95		
	Total Qty				95		
	WO Qty				95.000		
	RA 08Qty				110.000	Rmt	
	RA 09Qty						
	Supplying and drawing recessed/surface IS embossed GI conduiting system including cost of providing saddles etc for surface/recess conduiting and/or cost of cutting and filling chases for recessed conduiting complete as directions of Engineer- in-charge and as required as below.						
	25 mm				14 ✓		
	Kitchen To Sarvari Back Wall	Rmt	13	(15)	195		
	Total Qty				195		
	WO Qty				195.000		
	RA 08Qty				200.000	Rmt	
	RA 09Qty						
	Supplying and drawing recessed/surface IS embossed GI conduiting system including cost of providing saddles etc for surface/recess conduiting and/or cost of cutting and filling chases for recessed conduiting complete as directions of Engineer- in-charge and as required as below.						
	32 mm				12 ✓		
	Admin Room To Ceilling Wall	Rmt	7	(15)	105		
	Total Qty				105		
	WO Qty				105.000		
	RA 08Qty				110.000	Rmt	

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	RA 09Qty						
	Supplying and drawing recessed/surface IS embossed GI conduiting system including cost of providing saddles etc for surface/recess conduiting and/or cost of cutting and filling chases for recessed conduiting complete as directions of Engineer- in-charge and as required as below.						
	40 mm						
	Electric Room To Ceilling Wall	Rmt	7	14	(16)	112	
						112	
	Total Qty					112.000	✓
	WO Qty					110.000	Rmt
	RA 08Qty						
	RA 09Qty						

	Supplying and drawing recessed/surface medium class PVC conduit including cost of providing saddles etc accessories for surface/recess conduiting and/or cost of cutting and filling chases for recessed conduiting complete as directions of Engineer- in-charge and as required as below.						
	20 mm						
	For Data	Rmt	30		1	30	20
	Total Qty					30.000	
	WO Qty					30.000	Rmt
	RA 08Qty						
	RA 09Qty						
	Supply and fixing GI flexible conduit including all fittings complete as required as below.						
	20 mm						
	Ceilling	Rmt	1.5		165	247.5	
	Total Qty					247.500	
	WO Qty					265.000	Rmt
	RA 08Qty						
	RA 09Qty						

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	Supply and fixing GI flexible conduit including all fittings complete as required as below.						
	25 mm						
	Ceiling	Rmt	1.5	50 (60)	90	✓	
	Total Qty				90.000		
	WO Qty				95.000	Rmt	
	RA 08Qty						
	RA 09Qty						
	Supply and laying cables on Tray / clamped to wall with suitable clamps saddles and fixing bolts/ in ground including the cost of digging and back filling with sand and brick protection as required and including testing and commissioning of the following 1100 volt grade armoured XLPE insulated and PVC sheathed copper conductor cable complete as required. The costs shall include for all cables to be provided with a 1D gap and shall be properly clamped with cable clamps and ties. Identification tags shall be provided for all cables and route markers for cables in ground.						
	3 -1/2 core 70 Sq mm AL XLPE AR. Cable						
	LT Pannel	Rmt	8	1	8	✓	
	LT Pannel To Kitchen DB	Rmt	26	1	26	15	
	LT Pannel To Kitchen Passage DB	Rmt	15	1	15	✓	
	Total Qty				49.000		
	WO Qty				50.000	Rmt	
	RA 08Qty						
	RA 09Qty						

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	Supply and laying cables on Tray / clamped to wall with suitable clamps saddles and fixing bolts/ in ground including the cost of digging and back filling with sand and brick protection as required and including testing and commissioning of the following 1100 volt grade armoured XLPE insulated and PVC sheathed copper conductor cable complete as required. The costs shall include for all cables to be provided with a 1D gap and shall be properly clamped with cable clamps and ties. Identification tags shall be provided for all cables and route markers for cables in ground.						
	4 core 16 Sq mm CU. XLPE AR. Cable						
	LT Pannel To Admin Room	Rmt	30	2	60	52	
	Total Qty				60.000		
	WO Qty				30.000	Rmt	
	RA 08Qty						
	RA 09Qty						
	Supply and laying cables on Tray / clamped to wall with suitable clamps saddles and fixing bolts/ in ground including the cost of digging and back filling with sand and brick protection as required and including testing and commissioning of the following 1100 volt grade armoured XLPE insulated and PVC sheathed copper conductor cable complete as required. The costs shall include for all cables to be provided with a 1D gap and shall be properly clamped with cable clamps and ties. Identification tags shall be provided for all cables and route markers for cables in ground.						
	4 core 4 Sq mm CU. XLPE AR. Cable						
	LT Pannel To Admin Room	Rmt	30	1	30	26	
	LT Pannel To UPS Input	Rmt	8	1	8	6	
	LT Pannel To AHU	Rmt	50	1	50	36	

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	Total Qty							
	WO Qty						88.000	
	RA 08Qty						160.000	Rmt
	RA 09Qty							
	Cable end termination of the following XLPE insulated and PVC sheathed Aluminium conductor cable 1100 Volt grade including cost of crimping heavy duty aluminium lugs, nickel plated brass double compression glands, insulation tape and all requisite material for completion of termination complete as required and as							
	3 -1/2 core 70 Sq mm AL. XLPE AR. Cable							
	LT Pannel	Nos						
								71 X 6
	Total Qty						6.000	
	WO Qty						4.000	Nos
	RA 08Qty							
	RA 09Qty							
	Cable end termination of the following XLPE insulated and PVC sheathed Aluminium conductor cable 1100 Volt grade including cost of crimping heavy duty aluminium lugs, nickel plated brass double compression glands, insulation tape and all requisite material for completion of termination complete as required and as							
	4 core 16 Sq mm CU. XLPE AR. Cable							
	LT Pannel	Nos					4	4 8
	Total Qty						4.000	
	WO Qty						2.000	Nos
	RA 08Qty							
	RA 09Qty							
	Cable end termination of the following XLPE insulated and PVC sheathed Aluminium conductor cable 1100 Volt grade including cost of crimping heavy duty aluminium lugs, nickel plated brass double compression glands, insulation tape and all requisite material for completion of termination complete as required and as							
	4 core 4 Sq mm CU. XLPE AR. Cable							

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	LT Pannel	Nos	6	6	8
	Total Qty			6.000	
	WO Qty			20.000	Nos
	RA 08Qty				
	RA 09Qty				
	14 WAY SPN DB Incoming: 1-25 amp DP 10 kA MCB, B curve with thermal magnetic protective releases incoming with 1nos. 25 amp DP 30 mA RCCB in each phase Outgoings: 14 nos 6/10 amps SP 10 kA MCB, B curve with thermal magnetic protective releases out goings. For FLDB				
	Electrical Room	Nos	1	1	✓
				1.000	
	Total Qty			1.000	Nos
	WO Qty				
	RA 08Qty				
	RA 09Qty				
	12 WAY TPN DB-1 Incoming: 1-63 amp FP 10 kA MCB, C curve with thermal magnetic protective releases incoming with 1nos. 63 amp DP 30 mA RCCB in each phase Outgoings: 36 nos 16/20/25/32 amps SP 10 kA MCB, C curve with thermal magnetic protective releases out goings. For PDB				
	Admin Room	Nos	1	1	✓
				1.000	
	Total Qty			1.000	Nos
	WO Qty				
	RA 08Qty				
	RA 09Qty				

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	12 WAY TPN DB-2 Incoming: 1-32 amp FP 10 kA MCB, B curve with thermal magnetic protective releases incoming with 1nos. 32 amp DP 30 mA RCCB in each phase Outgoings: 36 nos 10 amps SP 10 kA MCB, B curve with thermal magnetic protective releases out goings. For LDB						
	Admin Room	Nos			1	1	
						1.000	
	Total Qty					1.000	Nos
	WO Qty						
	RA 08Qty						
	RA 09Qty						
	10 WAY TPN DB Supplying & fixing of following double door Emergency Lighting DB's enclosures, with minimum IP 55, UV resistant as per IEC 61439, flame retardant, self extinguishing material for outdoor / harsh environment like resistant to weather influences (humidity, temperature, water sprays). The DB shall include all accessories i.e. earth bar, din bar, neutral bar, tinned copper bus bars, earthing terminal, power painting & cable end box etc. as required. Incoming: 1-32 amp FP 10 kA MCB, C curve with thermal magnetic protective releases Outgoings: 30 nos 10/16/20 amps SP 10 kA MCB, C curve with thermal magnetic protective releases out goings. For EDB (10A MCBs shall be for lighting circuits only)						
	Admin Room	Nos			1	1	X
						1.000	
	Total Qty					1.000	Nos
	WO Qty						
	RA 08Qty						
	RA 09Qty						

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	12 WAY VTPN DB INCOMER 1 No. 160A 4 pole MCCB (16 KA) with over load, short circuit & earth fault protection OUTGOINGS 36 nos. of 20/25/32A modules for SP/TP MCB's, C curve (10KA) as required (Refer DB schedule). DB as described above For KTB-1							
	Kitchen Passage	Nos				1	1	✓
	Total Qty						1.000	
	WO Qty						1.000	Nos
	RA 08Qty							
	RA 09Qty							
	12 WAY VTPN DB INCOMER 1 No. 160A 4 pole MCCB (16 KA) with over load, short circuit & earth fault protection OUTGOINGS 36 nos. of 20/25/32A modules for SP/TP MCB's, C curve (10KA) as required (Refer DB schedule). DB as described above For KTB-1							
	Kitchen	Nos				1	1	✓
	Total Qty						1.000	
	WO Qty						1.000	Nos
	RA 08Qty							
	RA 09Qty							
	Electrical LT Panel- IN Electrical Room (Floor Mounted)							

	Electrical Room	Nos				1	1	
	Total Qty						1.000	
	WO Qty						1.000	Nos
	RA 08Qty							
	RA 09Qty							

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	<p>Supply, installation, testing and commissioning of 8kVA UPS system comprising of online units with a battery backup of 30 minutes duration for full load and with all standards fittings, accessories, protection, instruments, indications and controls including but not restricted to transformer, rectifier, inverter, SMF battery with float cum boost battery charger, static bypass switch, maintenance bypass, interconnections etc.</p> <p>The UPS shall be suitable for three phase 415V Input with variation of + 15% and give constant output supply of 415V + 2%.</p>						
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	Electrical Room	Nos		1	1	
					1.000	
	Total Qty				1.000	Nos
	WO Qty					
	RA 08Qty					
	RA 09Qty					
	<p>Supplying and laying of the following earthing strip on cable tray/ wall clamped to wall with suitable clamps saddles and fixing bolts/soldering as required and complete as required to comply with IS 3043:1987. All joints shall be timed. The body earthing of UPS and Panel shall be looped from the existing earthing system.</p>					
	25 mm x 3 mm GI strip					
	Electrical Room To Admin Room	Rmt	30	1	30	26
	Electrical Room To Kitchen	Rmt	20	1	20	13
					50.000	
	Total Qty				50.000	Nos
	WO Qty					
	RA 08Qty					
	RA 09Qty					
	<p>Supplying and laying of the following earthing strip on cable tray/ wall clamped to wall with suitable clamps saddles and fixing bolts/soldering as required and complete as required to comply with IS 3043:1987. All joints shall be timed. The body earthing of UPS and Panel shall be looped from the existing earthing system.</p>					
	25 mm x 3 mm Copper strip for UPS					

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	UPS	Rmt		20	1	20	8
	Total Qty					20.000	
	WO Qty					20.000	Nos
	RA 08Qty						
	RA 09Qty						
	Supplying and laying of the following earthing strip on cable tray/ wall clamped to wall with suitable clamps saddles and fixing bolts/soldering as required and complete as required to comply with IS 3043:1987. All joints shall be timed. The body earthing of UPS and Panel shall be looped from the existing earthing system.						
	4 sq.mm dia copper wire						
	All DB Looping	Rmt		100	1	100	
	Total Qty					100.000	
	WO Qty					100.000	Nos
	RA 08Qty						
	RA 09Qty						
	Supplying and fixing of 40A 4P, 415V Isolator in sheet steel enclosure with, connection, testing & commissioning as required.						
	4 sq.mm dia copper wire						25A, 4P
	DB Pannel	Nos		1	1	1	
	Total Qty					1.000	
	WO Qty					1.000	Nos
	RA 08Qty						
	RA 09Qty						
	Supply, installation, testing and commissioning of recess/ surface mounting 3W CEILING SPEAKER ,metal grille, dia 150mm and Spring clamps suitable for broadcast of speech and alarm siren including cost of supplying all mounting accessories complete as required.						
	All Area	Nos		21	21	18	

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		Total Qty						
		WO Qty						
		RA 08Qty					21.000	
		RA 09Qty					21.000	Nos
		Supply, installation, testing and commissioning of Wall surface mounting 3W CEILING SPEAKER with 6W/3W options suitable for broadcast of speech and alarm siren including cost of supplying all mounting accessories complete as required.						
		All Area	Nos			2	2	X
		Total Qty					2.000	
		WO Qty					2.000	Nos
		RA 08Qty						
		RA 09Qty						
		Supply, installation, testing and commissioning of MS Amplifier Rack Assembly with 30 minutes power backup including 1 no. CD player unit, 1 nos 200 W POWER AMPLIFIER, connectors, internal wiring, interconnection etc capable of voice operated priority complete as required. (PA System fully integrated type with Fire Alarm System with facility for automatic override of music for emergency announcements)						
		Admin Room	Nos			1	1	/
		Total Qty					1.000	
		WO Qty					1.000	Nos
		RA 08Qty						
		RA 09Qty						
		Supply, installation, testing and commissioning of CONTROL PANEL with single zone selection, ascending 4 tone chime, emergency microphone, expandable upto 5 zones using expansion control panel complete as required.						
		Kitchen	Nos			1	1	/

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	Supplying, laying, testing and commissioning of 4-pair Non-plenum Enhanced Cat 6 unshielded twisted pair with 24 AWG solid copper conductors in surface/concealed conduit/raceways complete as required						
	Electric Room To Baar Area Ceilling	Rmt	34.5		3	103.5	75
	Electric Room To Admin Room Ceilling	Rmt	32		1	32	25
	Electric Room To Dinning Area Ceilling	Rmt	31		5	155	105
	Electric Room To Premium Lounge Ceilling	Rmt	42.5		2	85	58
	Electric Room To Reception Ceilling	Rmt	36.5		3	109.5	86
	Electric Room To Spa Ceilling	Rmt	25		2	50	20
	Electric Room To Kitchen	Rmt	25		2	50	30
	Electric Room	Rmt	8		1	8	4
						593.000	
	Total Qty					330.000	Rmt
	WO Qty						
	RA 08Qty						
	RA 09Qty						

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